

<div> <div>Table 3.1-1</div> <div>Water Withdrawal and Discharge Locations for Construction Activities Associated with the PennEast Project</div> </div>												
Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
Water Supplies for Dust Control Activities												
Residential Areas MP 14.4 – 40.0	Lake Harmony	W1	792,000	41° 3'35.14"N, 75°36'14.18"W	0204010601	• Spread on site for dust control ⁷	N/A	N/A	N/A	N/A	N/A	Yes
	Big Boulder Lake	W2		41° 2'46.83"N, 75°35'12.21"W	0204010601							
Residential Areas MP 40.1 – 60.0	Bethlehem Water Authority Hydrant	W3	1,927,200	40°53'49.06"N, 75°33'37.45"W	0204010604	• Spread on site for dust control ⁷	N/A	N/A	N/A	N/A	N/A	Yes
Residential Areas MP 60.1 – 70.0	Lehigh River	W9	1,848,000	40°38'30.27"N, 75°16'40.95"W	0204010608	• Spread on site for dust control ⁷	N/A	N/A	N/A	N/A	N/A	Yes
Residential Areas Hellertown Lateral	Lehigh River	W9	237,600	40°38'30.27"N, 75°16'40.95"W	0204010608	• Spread on site for dust control ⁷	N/A	N/A	N/A	N/A	N/A	Yes
Residential Areas MP 70.1 – 111.9	Delaware River	W11	4,250,400	40°34'58.09"N, 75°11'41.02"W	0204010506	• Spread on site for dust control ⁷	N/A	N/A	N/A	N/A	N/A	Yes
Dust Control Subtotal			9,055,200									
Water Supplies for HDD Activities												
Beltzville Lake HDD MP 43.5	Bethlehem Water Authority Hydrant	W3	2,794,355	40°53'49.06"N, 75°33'37.45"W	0204010604	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Bethlehem Water Authority Hydrant	W3	314,361	40°53'49.06"N, 75°33'37.45"W	0204010604	• Buoyancy control; discharge to overland dewatering structure	40°52'48.16"N 75°32'50.66"W	0204010604	314,361	D1	Pohopoco Creek	No
St. Luke's HDD MP 69.9	Hydrant 11 (Easton Suburban Water Authority)	W10	1,350,212	40°39'20.69"N, 75°17'17.85"W	0204010608	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Hydrant 11 (Easton Suburban Water Authority)	W10	151,899	40°39'20.69"N, 75°17'17.85"W	0204010608	• Buoyancy control; discharge to overland dewatering structure	40°38'58.99"N, 75°16'53.20"W	0204010608	151,899	D7	UNT of Lehigh River	No
Lehigh River HDD MP 70.7	Lehigh River	W9	1,925,520	40°38'30.27"N, 75°16'40.95"W	0204010608	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes

Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
	Lehigh River	W9	216,621	40°38'30.27"N, 75°16'40.95"W	0204010608	• Buoyancy control; discharge to overland dewatering structure	40°38'58.99"N, 75°16'53.20"W	0204010608	216,621	D7	UNT of Lehigh River	No
Interstate 78 HDD MP 71.6	Lehigh River	W9	1,115,388	40°38'30.27"N, 75°16'40.95"W	0204010608	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Lehigh River	W9	125,486	40°38'30.27"N, 75°16'40.95"W	0204010608	• Buoyancy control; discharge to overland dewatering structure	40°38'2.65"N, 75°16'43.82"W	0204010608	125,486	D8	UNT of Lehigh River	No
Delaware River HDD MP 77.4	Delaware River	W11	1,331,430	40°34'58.09"N, 75°11'41.02"W	0204010506	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Delaware River	W11	149,782	40°34'58.09"N, 75°11'41.02"W	0204010506	• Buoyancy control; discharge to overland dewatering structure	40°35'4.30"N, 75°11'55.39"W	0204010506	149,782	D9	Delaware River	No
Lockatong Creek MP 93.0	Hydrant 14 (New Jersey American Water)	W14	2,254,267	40°31'54.00"N, 75°03'28.92"W	0204010509	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Hydrant 15 (New Jersey American Water)	W15		40°31'49.18"N, 75° 3'31.15"W	0204010509							
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
	Hydrant 14 (New Jersey American Water)	W14	253,605	40°31'54.00"N, 75°03'28.92"W	0204010509	• Buoyancy control; discharge to overland dewatering structure	40°29'29.67"N, 75° 1'5.18"W	0204010509	253,605	D14	Lockatong Creek	No
	Hydrant 15 (New Jersey American Water)	W15		40°31'49.18"N, 75° 3'31.15"W	0204010509							
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Alexauken Creek MP 101.0	Hydrant 16 (United Water of Lambertville)	W16	3,522,292	40°22'56.00"N, 74°56'4.61"W	0204010509	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
	Hydrant 16 (United Water of Lambertville)	W16	396,258	40°22'56.00"N, 74°56'4.61"W	0204010509	• Buoyancy control; discharge to overland dewatering structure or haul water off-site	TBD	TBD	396,258	TBD	TBD	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Pleasant Valley Road HDD MP 106.5	Hydrant 17 (New Jersey American Water)	W17	1,455,881	40°18'32.97"N, 74°48'46.49"W	0204010509	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							

Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
	Hydrant 17 (New Jersey American Water)	W17	163,786	40°18'32.97"N, 74°48'46.49"W	0204010509	• Buoyancy control; discharge to overland dewatering structure	40°20'1.47"N, 74°53'33.37"W	0204010509	163,786	D16	UNT of Moore Creek	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Washington Crossing Pennington Road MP 111.4	Hydrant 17 (New Jersey American Water)	W17	1,209,321	40°18'32.97"N, 74°48'46.49"W	0204010509	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
	Hydrant 17 (New Jersey American Water)	W17	136,048	40°18'32.97"N, 74°48'46.49"W	0204010509	• Buoyancy control; discharge to overland dewatering structure	40°18'47.38"N, 74°49'13.56"W	0204010509	136,048	D17	Woolsey Brook	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
CSXT Railroad MP 112.5	Hydrant 17 (New Jersey American Water)	W17	1,197,575	40°18'32.97"N, 74°48'46.49"W	0204010509	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
	Hydrant 17 (New Jersey American Water)	W17	134,732	40°18'32.97"N, 74°48'46.49"W	0204010509	• Buoyancy control; discharge to overland dewatering structure	40°18'23.61"N, 74°48'19.59"W	0204010509	134,732	D18	UNT of Woolsey Brook	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Interstate 80 – MP 26.8 (HDD under consideration)	Lake Harmony	W1	2,536,049	41° 3'35.14"N, 75°36'14.18"W	0204010601	• Drilling operations	N/A	N/A	N/A	N/A	N/A	Yes
	Big Boulder Lake	W2		41° 2'46.83"N, 75°35'12.21"W	0204010601							
	Lake Harmony	W1	285,307	41° 3'35.14"N, 75°36'14.18"W	0204010601	• Buoyancy control; discharge to overland dewatering structure or haul water off-site	TBD	N/A	285,307	TBD	TBD	No
	Big Boulder Lake	W2		41° 2'46.83"N, 75°35'12.21"W	0204010601							
HDD Subtotal			23,020,175									
Water Supplies for Hydrostatic Testing Activities – Aboveground Facilities												
Kidder Compressor	Lake Harmony	W1	31,500	41° 3'35.14"N, 75°36'14.18"W	0204010601	• Test; haul water off-site	YA	N/A	31,500	N/A	N/A	No

Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
Station – MP 26.6	Big Boulder Lake	W2		41° 2'46.83"N, 75°35'12.21"W	0204010601							
Blue Mountain Interconnect – MP 53.0	Blue Mountain Ski Resort	W4	10,500	40°49'12.68"N, 75°30'33.09"W	0204010605	• Test; discharge to overland dewatering structure	40°38'2.65"N, 75°16'43.82"W	0204010608	10,500	D8	UNT of Lehigh River	No
Hellertown Launcher & Mainline Launcher/ Receiver MP 71.6	Lehigh River	W9	10,500	40°38'30.27"N, 75°16'40.95"W	0204010608	• Test; discharge to overland dewatering structure	40°48'34.60"N, 75°31'46.05"W	0204010605	10,500	D3	Aquashicola Creek	No
Gilbert Interconnects & Etown Interconnect MP 79.5	Hydrant 13 (Genon Energy Services LLC and NRG Oper.)	W13	39,613	40°33'56.77"N, 75°9'39.66"W	0204010509	• Test; discharge to overland dewatering structure	40°34'11.33"N, 75° 9'51.16"W	0204010509	39,613	D20	Delaware River	No
TCO & UGI-LEH Interconnects HL-MP 2.1	Lehigh River	W9	10,500	40°38'30.27"N, 75°16'40.95"W	0204010608	• Test; discharge to overland dewatering structure	40°36'31.91"N, 75°17'57.63"W	0204010608	10,500	D19	East Branch Lower Saucon	No
Lambertville Launcher Site LL-MP 0.0	Hydrant 16 (United Water of Lambertville)	W16	10,500	40°22'56.00"N, 74°56'4.61"W	0204010509	• Test; discharge to overland dewatering structure	40°23'18.27"N, 74°55'49.47"W	0204010509	10,500	D15	UNT of Alexauken Creek	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Algonquin & TETCO Interconnects LL-MP 1.4	Hydrant 16 (United Water of Lambertville)	W16	10,500	40°22'56.00"N, 74°56'4.61"W	0204010509	• Test; discharge to overland dewatering structure	40°24'4.46"N, 74°54'46.47"W	0204010509	10,500	D21	Alexauken Creek	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Water Supplies for Hydrostatic Testing Activities – Mainline Spread 2												
Test Section 4 MP 17.8 – 21.8	Reused water from Test Section 6 MP MP 26.7 – 40.7	N/A	-	N/A	N/A	• 1,048,725 gallons required for Test Section 4; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D2	N/A	No
Test Section 5 MP 21.8 – 26.7	Reused water from Test Section 6 MP MP 26.7 – 40.7	N/A	-	N/A	N/A	• 1,265,527 gallons required for Test Section 5; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D2	N/A	No
Test Section 6 MP 26.7 – 40.7	Lake Harmony	W1	3,592,602	41° 3'35.14"N, 75°36'14.18"W	0204010601	• 3,592,602 gallons required for Test Section 6; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D2	N/A	No
	Big Boulder Lake	W2		41° 2'46.83"N, 75°35'12.21"W	0204010601		N/A	N/A	-	Push to D2	N/A	No

Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
	Bethlehem Water Authority Hydrant	W3		40°53'49.06"N 75°33'37.45"W	0204010604		N/A	N/A	-	Push to D2	N/A	No
	Blue Mountain Ski Resort	W4		40°49'12.68"N, 75°30'33.09"W	0204010604		N/A	N/A	-	Push to D2	N/A	No
Test Section 7 MP 40.7 – 46.5	Reused water from Test Section 6 MP MP 26.7 – 40.7	N/A	-	N/A	N/A	• 1,512,894 gallons required for Test Section 7; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D2	N/A	No
Test Section 8 MP 46. – 46.6	Reused water from Test Section 6 MP MP 26.7 – 40.7	N/A	-	N/A	N/A	• 28,130 gallons required for Test Section 8; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D2	N/A	No
Test Section 9 MP 46.6 – 48.1	Reused water from Test Section 6 MP MP 26.7 – 40.7	N/A	-	N/A	N/A	• 382,155 gallons required for Test Section 9; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°50'17.25"N, 75°30'32.75"W	0204010605	3,592,602	D2	Buckwha Creek	No
Water Supplies for Hydrostatic Testing Activities – Mainline Spread 3												
Test Section 10 MP 48.1-48.8	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 183,778 gallons required for Test Section 10; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D4	N/A	No
Test Section 11 MP 48.8-51.3	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 640,202 gallons required for Test Section 11; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°48'17.95"N 75°31'44.53"W	0204010608	640,202	D4	UNT of Indian Creek	No
Test Section 12 MP 51.3-54.5	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 831,577 gallons required for Test Section 12; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°47'19.42"N 75°28'42.59"W	0204010608	191,375	D5	Indian Creek	No
Test Section 13 MP 54.5-55.4	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 230,473 gallons required for Test Section 13; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°47'12.11"N 75°27'45.28"W	0204010608	848,324	D6	Hokendauqua Creek	No

Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
Test Section 14 MP 55.4-59.4	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 1,039,472 gallons required for Test Section 14; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D6	N/A	No
Test Section 15 MP 59.4-66.0	Hydrant 6	W5	1,679,901	40°44'5.09"N, 75°23'38.64"W	0204010608	• 1,679,901 gallons required for Test Section 15; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D6	N/A	No
	Hydrant 7	W6		40°43'59.18"N, 75°23'1.05"W	0204010608							
	Lehigh River	W9		40°38'30.27"N, 75°16'40.95"W	0204010608							
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
Test Section 16 MP 66.0 – 68.0	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 522,344 gallons required for Test Section 16; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D7	N/A	No
Test Section 17 MP 68.0 – 70.5	Reused water from Test Sections 15, (MP 59.4 – MP 66.0) and 18 (MP 70.5 – MP 77.4)	N/A	-	N/A	N/A	• 644,131 gallons required for Test Section 17; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°38'58.99"N, 75°16'53.20"W	0204010608	644,131	D7	UNT of Lehigh River	No
Test Section 18 MP 70.5 – 77.4	Lehigh River	W9	1,791,711	40°38'30.27"N, 75°16'40.95"W	0204010608	• 1,791,711 gallons required for Test Section 18; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°35'4.30"N, 75°11'55.39"W	0204010506	1,147,580	D9	Delaware River	No
	Delaware River	W11		40°34'58.09"N, 75°11'41.02"W	0204010506							
	Blue Mountain Ski Area	W4		40°49'12.68"N, 75°30'33.09"W	0204010605							
	Hydrant 6	W5		40°44'5.09"N, 75°23'38.64"W	0204010608							
	Hydrant 7	W6		40°43'59.18"N, 75°23'1.05"W	0204010608							
	Hydrant 9	W7		40°42'39.03"N, 75°19'32.40"W	0204010608							
	Hydrant 10	W8		40°42'18.29"N, 75°19'2.51"W	0204010503							

Water Use Location	Proposed Source ¹	Withdrawal Location ID#	Approximate Volume Required (gallons) ^{2,3}	Approximate Source Location	Associated Watershed (10-digit HUC) ⁴	Description of Water Use	Approximate Dewatering Location	Associated Watershed (10-digit HUC)	Approximate Discharge Volume (gallons)	Dewatering Location ID# ⁵	Nearest Requested Receiving Water ⁶	Water Volume Consumptive
	Hydrant 11	W10		40°39'20.69"N, 75°17'17.85"W	0204010608							
Water Supplies for Hydrostatic Testing Activities – Mainline Spread 4												
Test Section 19 MP 77.4-86.4	Reused water from Test Section 23 MP 89.9 – MP 110.4	N/A	-	N/A	N/A	• 2,332,758 gallons required for Test Section 19; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°33'4.08"N, 75° 3'42.33"W	0204010509	2,332,758	D10	Harihokake Creek	No
Test Section 20 MP 86.4-86.4	Reused water from Test Section 23 MP 89.9 – MP 110.4	N/A	-	N/A	N/A	• 23,086 gallons required for Test Section 20; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°32'59.12"N, 75° 3'41.96"W	0204010509	23,086	D11	Harihokake Creek	No
Test Section 21 MP 86.4-89.8	Reused water from Test Section 23 MP 89.9 – MP 110.4	N/A	-	N/A	N/A	• 862,732 gallons required for Test Section 21; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°30'40.29"N, 75° 2'8.49"W	0204010509	862,732	D12	Copper Creek	No
Test Section 22 MP 89.8-89.9	Reused water from Test Section 23 MP 89.9 – MP 110.4	N/A	-	N/A	N/A	• 28,179 gallons required for Test Section 22; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°30'40.82"N, 75° 2'1.17"W	0204010509	28,179	D13	Copper Creek	No
Test Section 23 MP 89.9-110.4	Delaware River	W11	5,338,022	40°34'58.09"N, 75°11'41.02"W	0204010506	• 5,338,022 gallons required for Test Section 23; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	40°18'47.38"N, 74°49'13.56"W	0204010509	2,091,267	D17	Woolsey Brook	No
	Hydrant 12	W12		40°34'58.66"N, 75°11'22.13"W	0204010506							
	Hydrant 14	W14		40°31'54.00"N, 75° 3'28.92"W	0204010509							
	Hydrant 15	W15		40°31'49.18"N, 75° 3'31.15"W	0204010509							
	Hydrant 17	W17		40°18'32.97"N 74°48'46.49"W	0204010509							
Test Section 24 MP 110.4-112.7	Reused water from Test Section 23 MP 89.9 – MP 110.4	N/A	-	N/A	N/A	• 584,961 gallons required for Test Section 24; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D17	N/A	No
Test Section 25 MP 112.7-114.0	Reused water from Test Section 23 MP 89.9 – MP 110.4	N/A	-	N/A	N/A	• 344,473 gallons required for Test Section 25; push to remaining Test Sections to reuse water and/or discharge to overland dewatering structure	N/A	N/A	-	Push to D17	N/A	No
Water Supplies for Hydrostatic Testing Activities – Laterals												

[illegible]